

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 07123008  
PUBLICATION DATE : 12-05-95

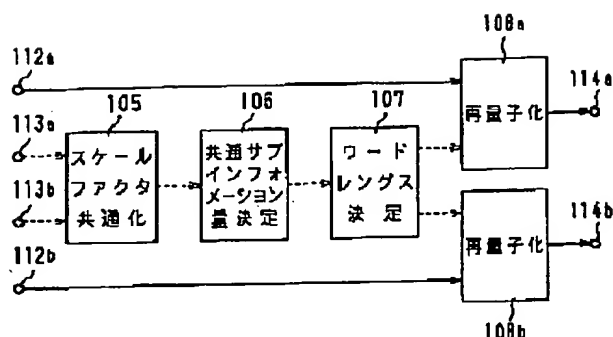
APPLICATION DATE : 26-10-93  
APPLICATION NUMBER : 05267251

APPLICANT : SONY CORP;

INVENTOR : MIYAMORI SHINJI;

INT.CL. : H03M 7/30

TITLE : HIGH EFFICIENCY CODER



**ABSTRACT :** PURPOSE: To realize a higher compression efficiency by providing a parameter common use means to the coder, obtaining parameter information of coding for each channel and using the parameter information in common between at least  $\geq 2$  channels.

**CONSTITUTION:** Audio data of each channel are received from terminals 112a, 112b, and fed to re-quantization devices 108a, 108b. On the other hand, the result of calculation of each channel common processing cost is received from terminals 113a, 113b and fed to a scale factor common processing circuit 105, in which a scale factor is processed in common. Values max (SF1, SF2) for the common processing are obtained from each unit (SF1, SF2 are values of scale factor of two channels of units whose common processing cost is calculated) to use the result as the scale factor of each unit. Then, a common sub-information quantity is obtained, and a word length is decided and finally each of the re-quantization devices 108a, 108b is re-quantized for each channel based on the obtained common parameter and the result is outputted from terminals 114a, 114b as coding data.

COPYRIGHT: (C)1995,JPO